

C L A I M S :

What is claimed is:

1. A method of producing a workpiece having at least one bearing eye, the bearing eye being coated with an anti-friction coating which forms a running surface deviating from a circular cylinder, characterized in that the bearing eye is processed for a precise fit to a circular cylinder before the anti-friction coating is galvanically deposited onto the processed bearing eye surface to form the running surface in a varying thickness corresponding to the final dimensions.
2. The method according to Claim 1, characterized in that for a workpiece having a divided bearing eye, the bearing eye surface is processed for a precise fit after the divided bearing eye is assembled and is then galvanically coated with the anti-friction coating, before the anti-friction coating is divided in accordance with the division of the bearing eye through a fracture separation.
3. A device for producing a workpiece (1) having at least one bearing eye (2), on whose circular cylindrical bearing eye surface (3) an anti-friction coating (4) is deposited, which forms a running surface deviating from a circular cylinder, comprising a device (6) for galvanic deposition of the anti-friction coating (4) onto the bearing eye surface (3) in an electrical field between the workpiece (1), which is connected as the cathode, and an anode (7), which is coaxial to the bearing eye (2), characterized in that the anode (7) has a shape deviating from a circular cylinder, having smaller radii in the depositing region of lower coating thicknesses.

4. A device for producing a workpiece (1) having at least one bearing eye (2), on whose circular cylindrical bearing eye surface (3) an anti-friction coating (4) is deposited, which forms a running surface deviating from a circular cylinder, comprising a device (6) for galvanic deposition of the anti-friction coating (4) onto the bearing eye surface (3) in an electrical field between the workpiece (1), which is connected as the cathode, and an anode (7), which is coaxial to the bearing eye (2), characterized in that, in the annular gap between the bearing eye surface (3) to be coated and the anode (7), screens (11) for the electrical field are provided in the depositing region of lower coating thicknesses.